Statement of Volatility – Dell S3845cdn

To Whom It May Concern

1. Dell Printers contain both volatile and non-volatile (NV) components. Volatile components lose their data immediately upon removal of power from the component. Non-volatile components continue to retain their data even after the power has been turned off.

	Memory			Volatile /	
	Application	Memory Size	Memory Type	Non-Volatile	User Data
S3845cdn	Boot Loader	8MB	FLASH	Non-Volatile	No
	Firmware (Controller)	720MB	FLASH	Non-Volatile	No
	Firmware (MCU)	384KB	FLASH	Non-Volatile	No
	Firmware (UI Panel)	136kB	FLASH	Non-Volatile	No
	Firmware (DADF)	256kB	FLASH	Non-Volatile	No
	Base memory (Controller)	2GB	DRAM	Volatile	Yes
	Base memory (MCU)	31KB	DRAM	Volatile	No
	Base memory (UI Panel)	16kB	DRAM	Volatile	No
	Base memory (DADF)	20kB	DRAM	Volatile	No
	User / System Settings	18MB	FLASH	Non-Volatile	Yes
	Storage for stored jobs	400MB	FLASH	Non-Volatile	Yes
	Work area for printing	450MB	FLASH	Non-Volatile	No
	Work area for copying	300MB	FLASH	Non-Volatile	No
	Work area for scanning	300MB	FLASH	Non-Volatile	No
	Storage for plug-ins	100MB	FLASH	Non-Volatile	No
	Storage for system (User database, Address book, audit log, job log)	900MB	FLASH	Non-Volatile	Yes
	Drum	NA	NA	Volatile	Yes
	Fuser	NA	NA	Volatile	Yes

Note:
- Flash memory may be used and may contain user data.
- EEROM may be used and contains no user data.
- User Data utilized by memory type.

All other components on the motherboard will lose data once power is removed from the system. Primary power loss (unplugging the power cord) will cause user data on the memory to be lost.

2. All Dell mono and color laser printers do not have to print any blanks pages to address any security concerns regarding the transfer rollers retaining the image of the job after printing.